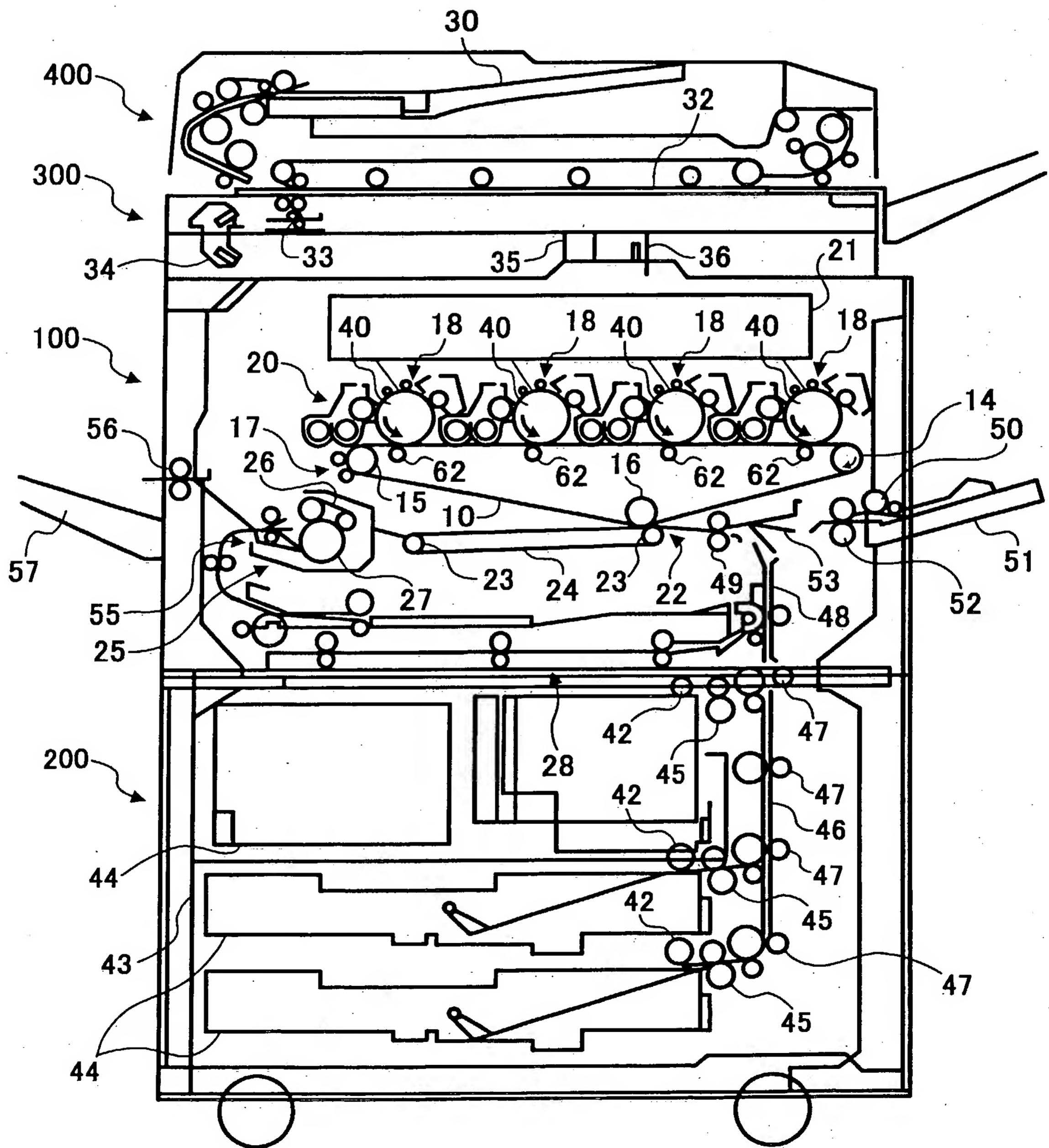
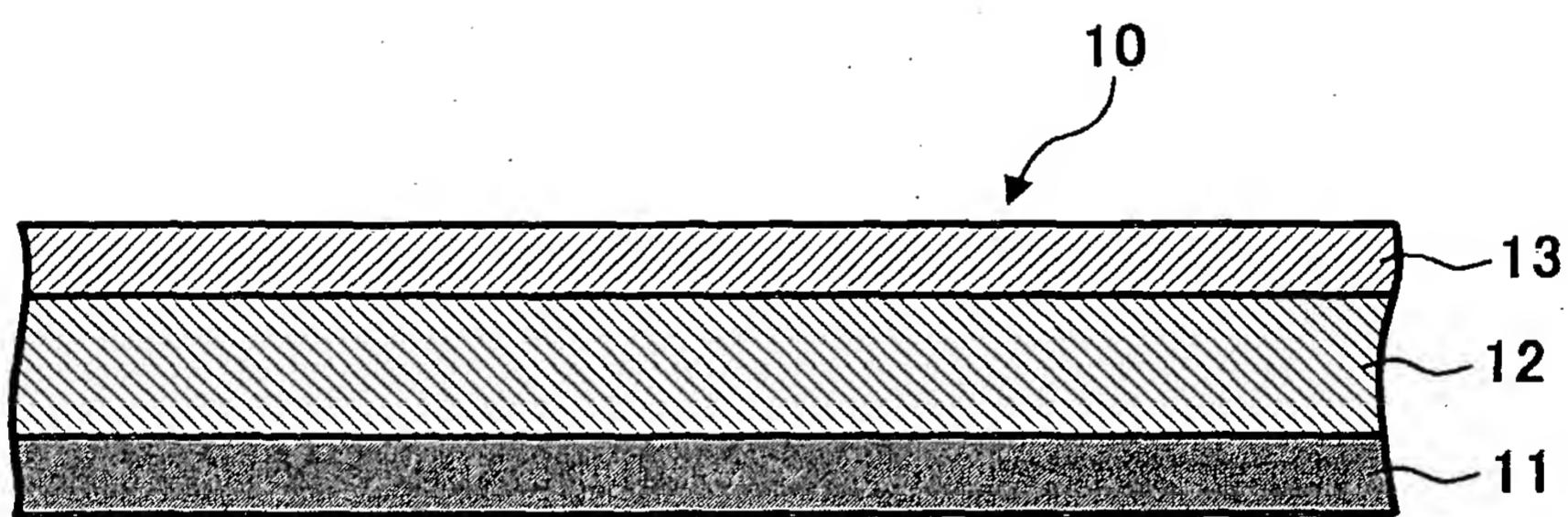


FIG. 1



**FIG. 2**



3  
FIG.

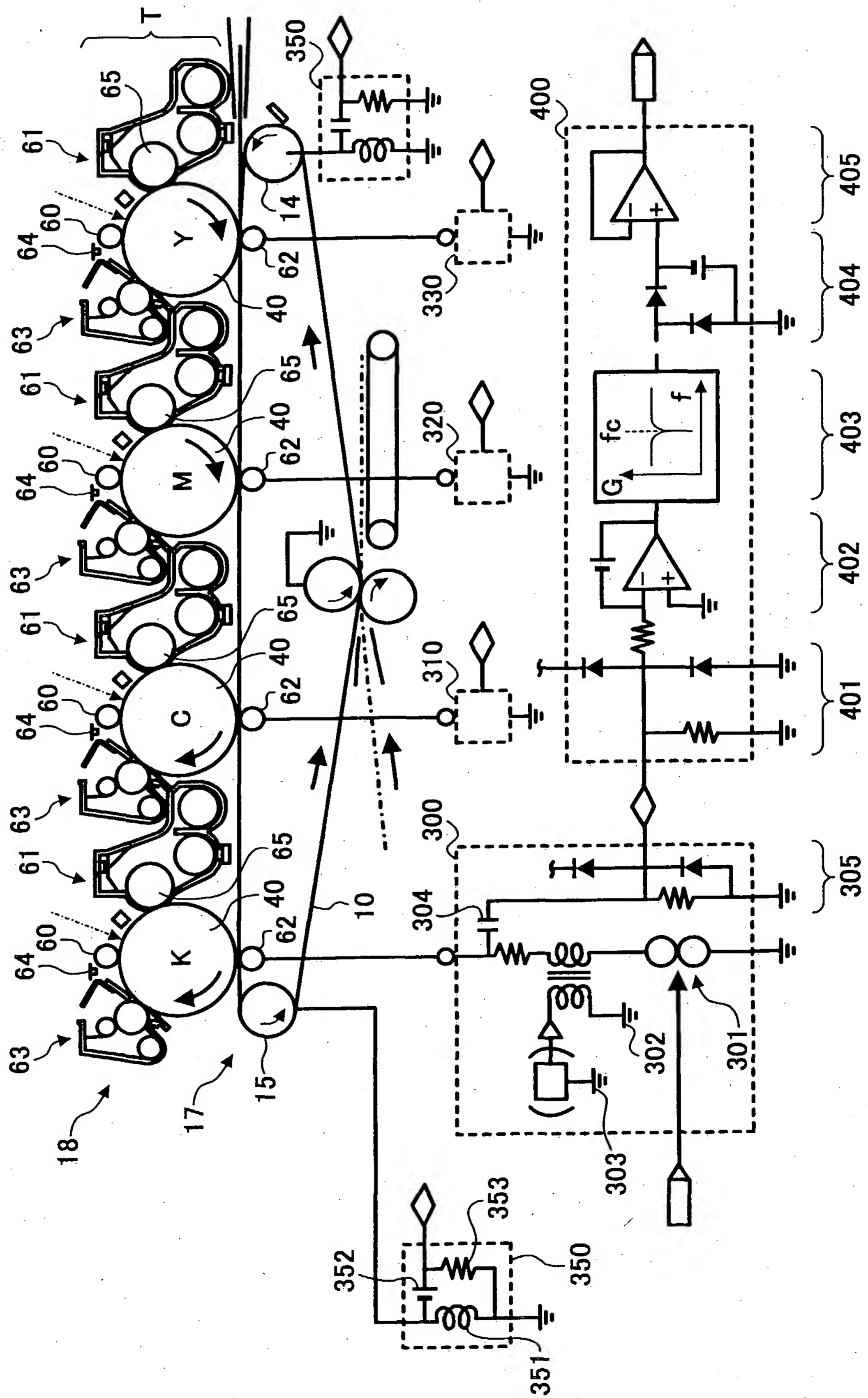


FIG. 4

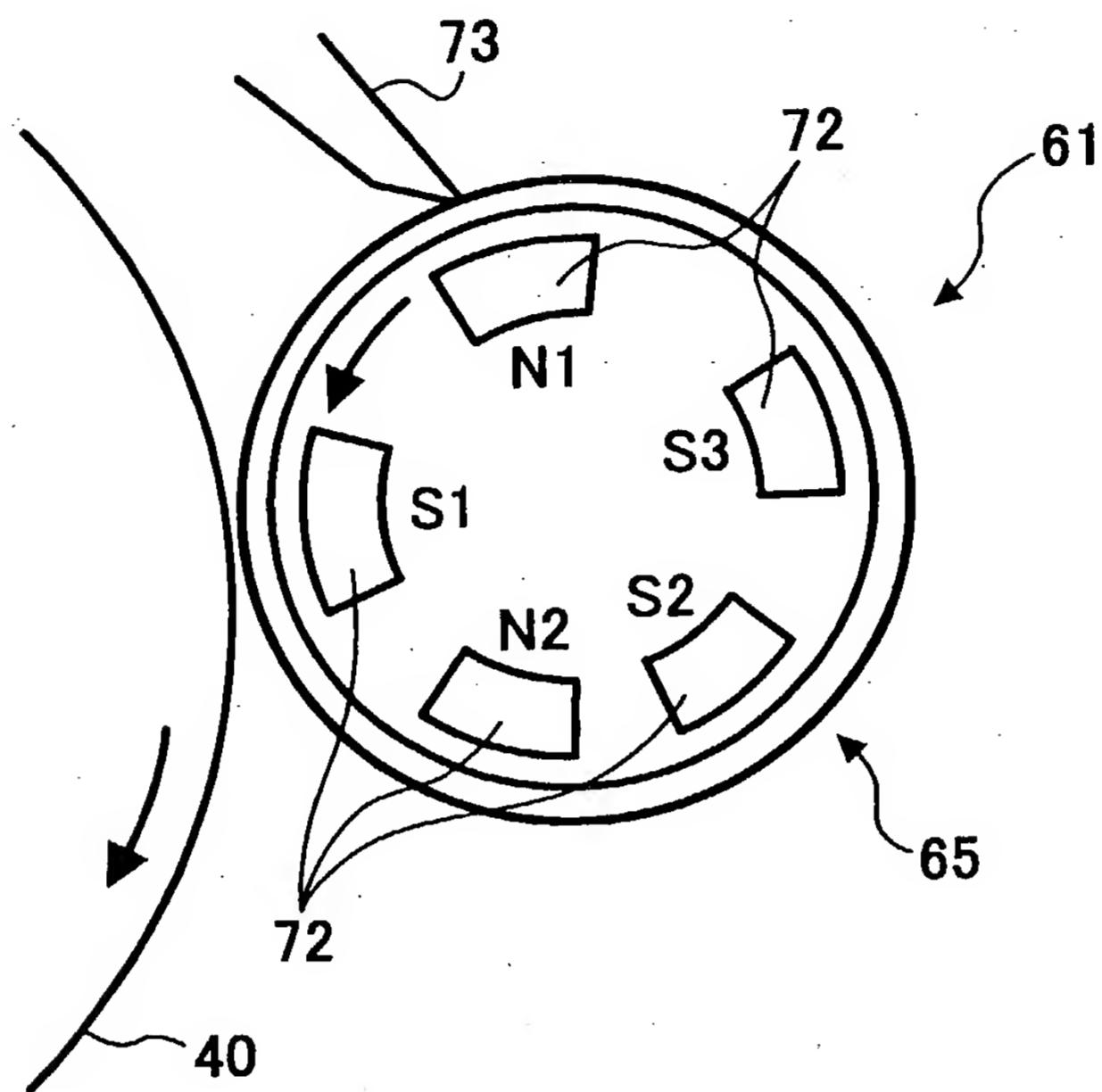


FIG. 5

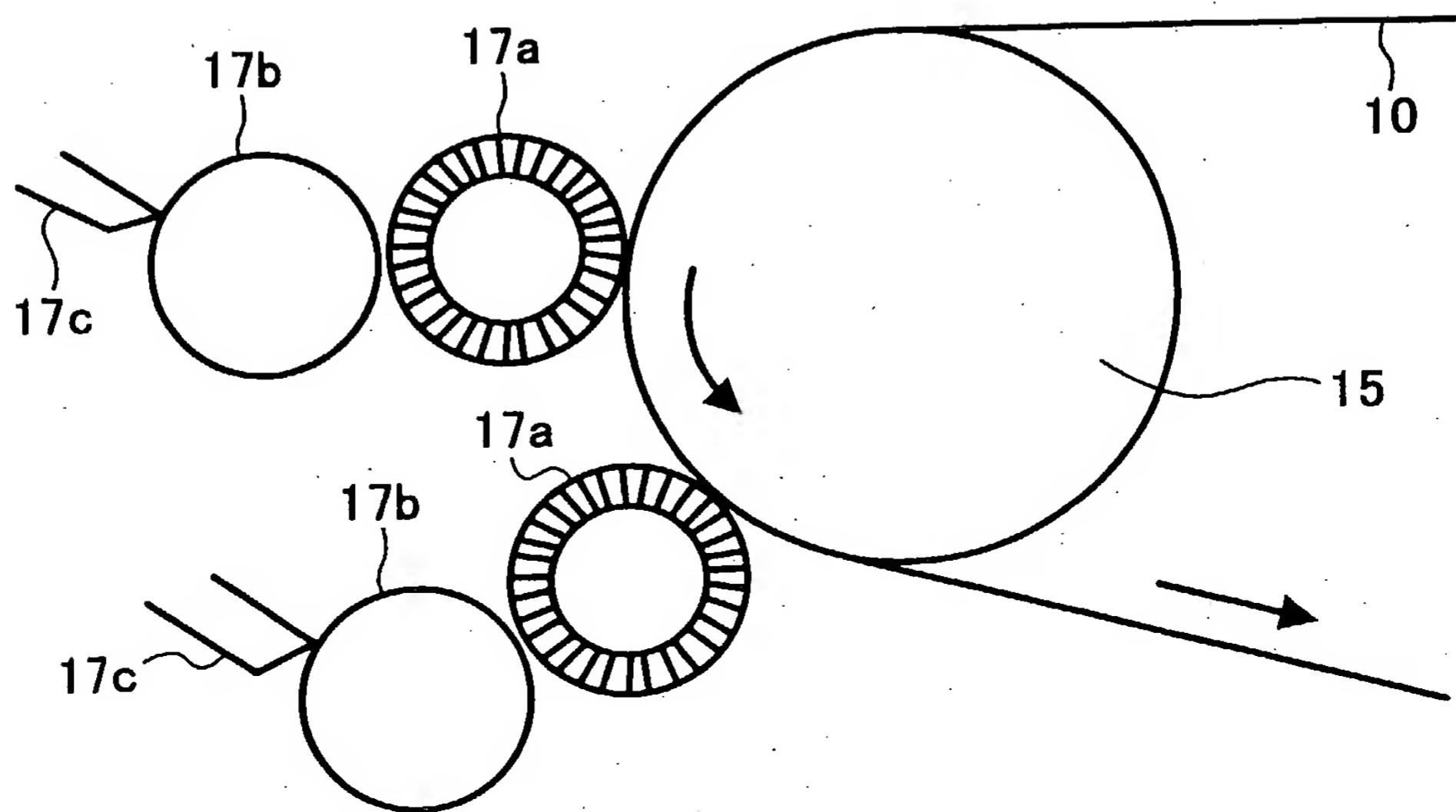


FIG. 6

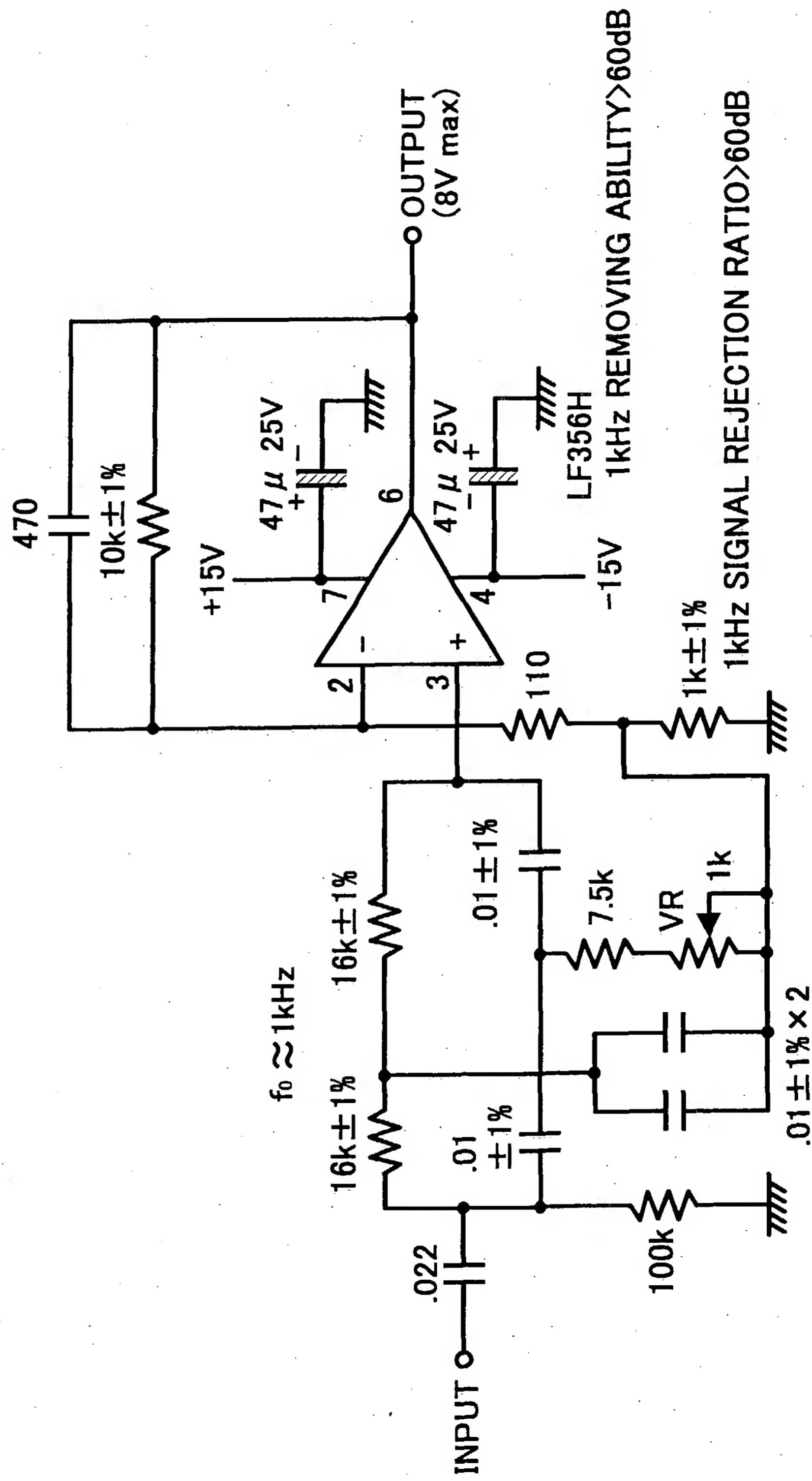


FIG. 7

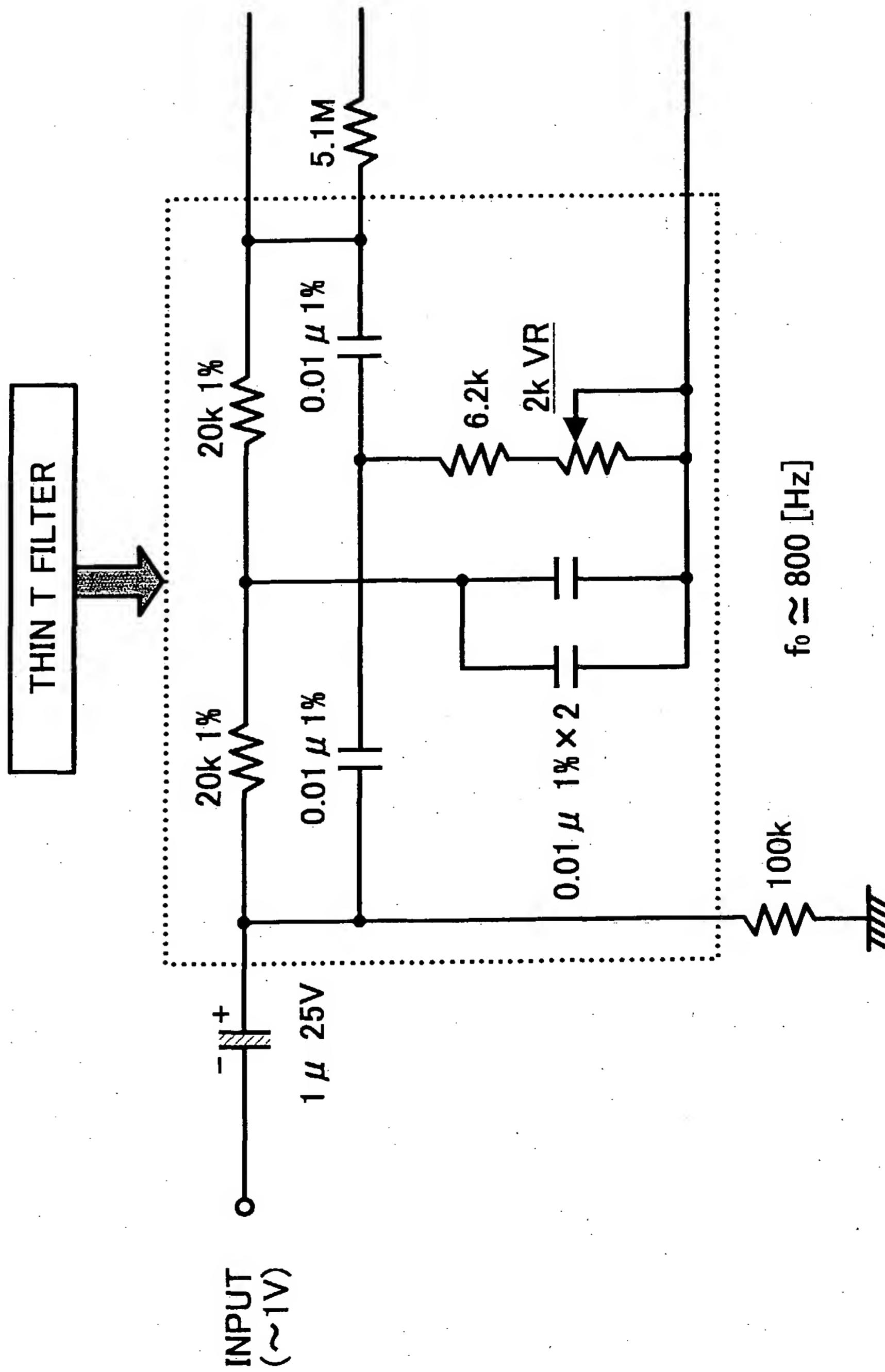


FIG. 8

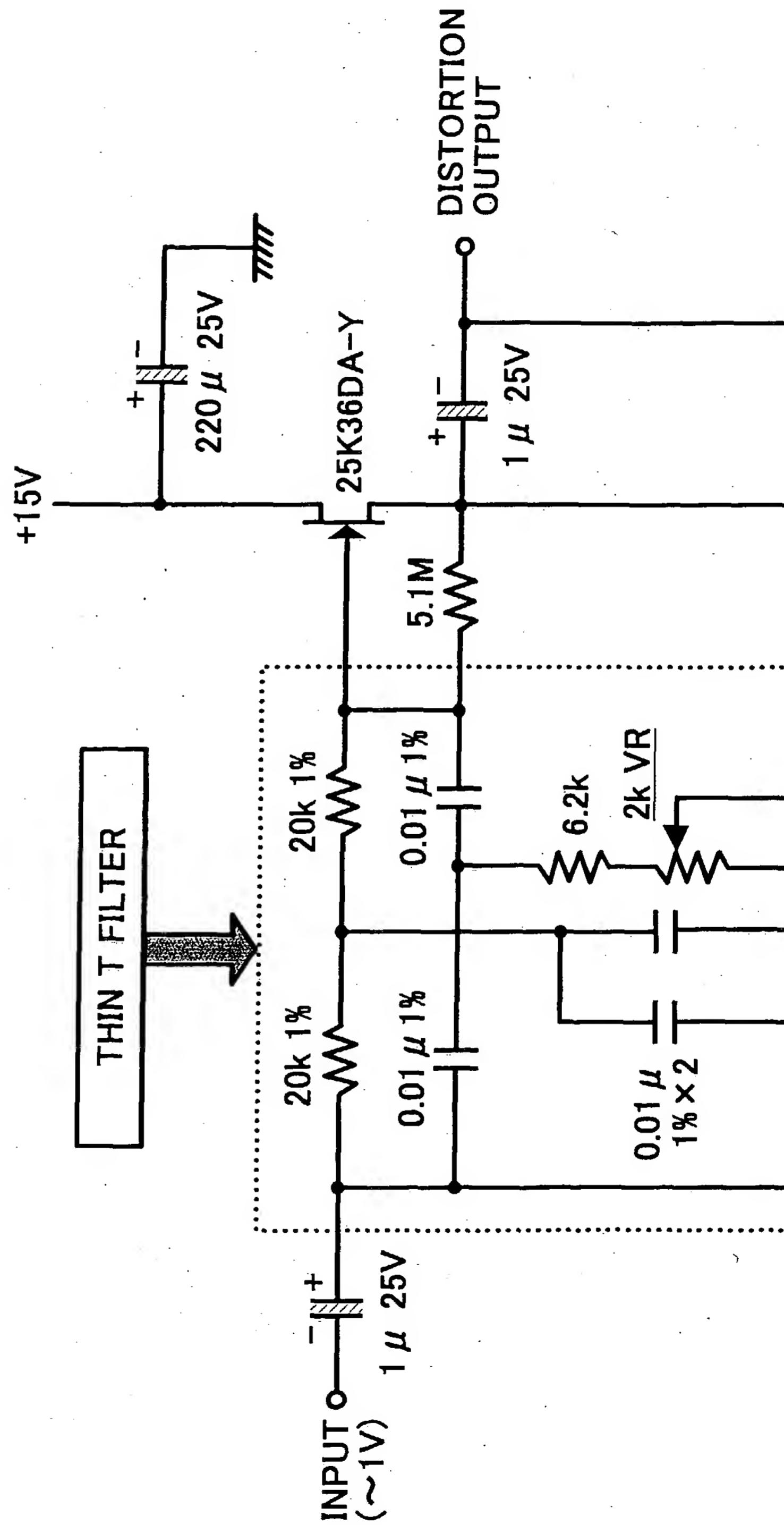


FIG. 9

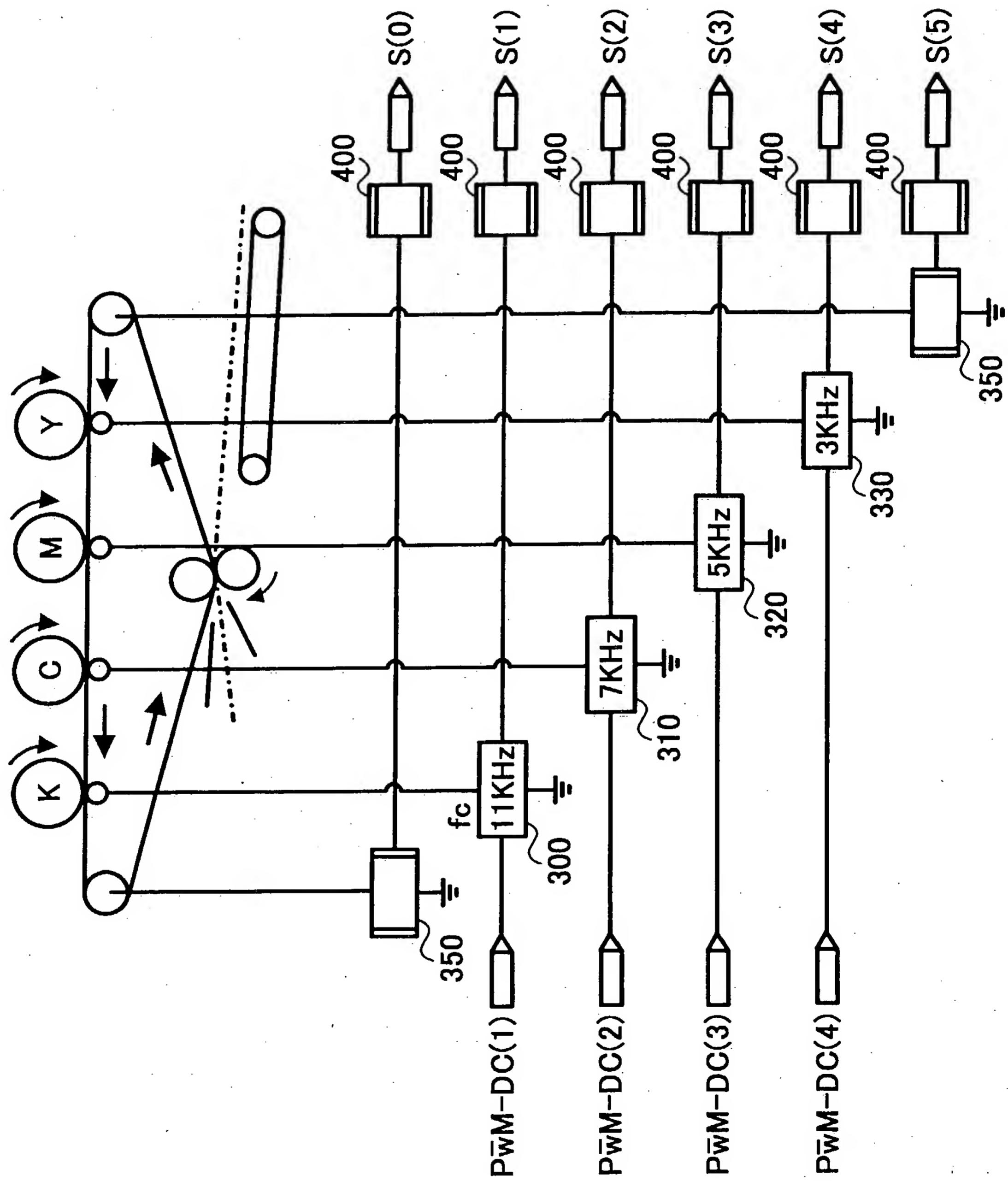
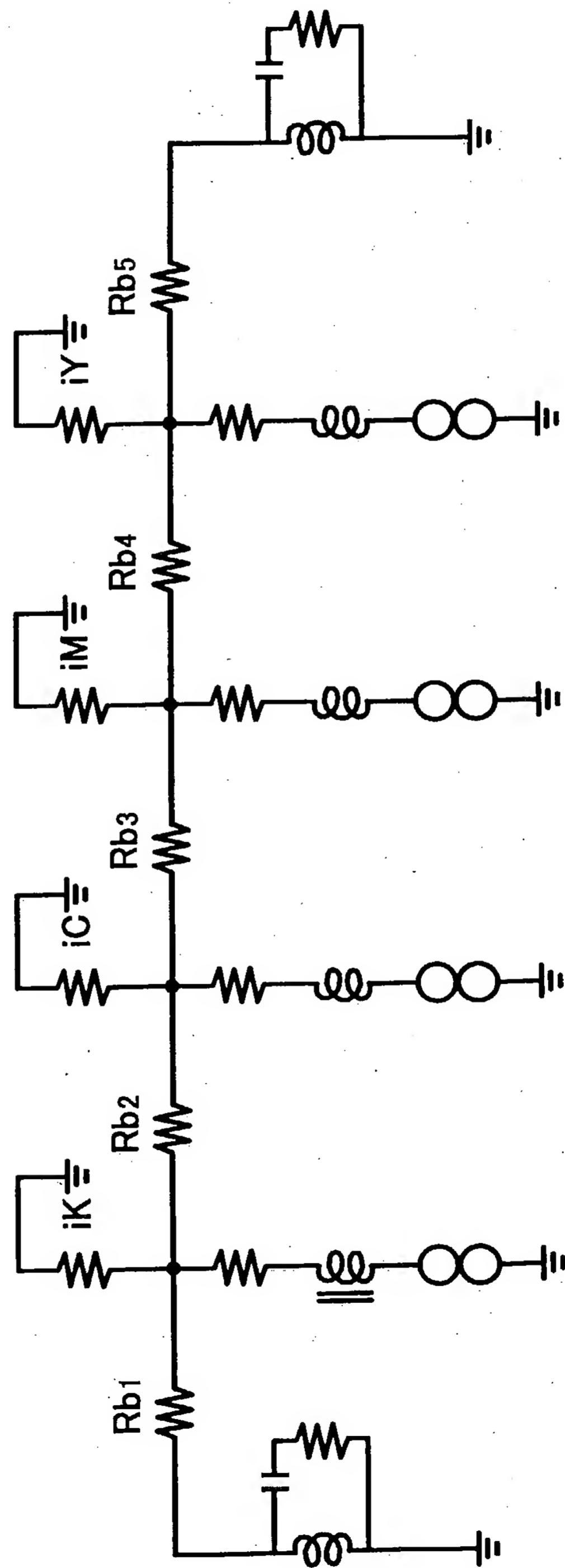


FIG. 10



1  
1  
FIG.

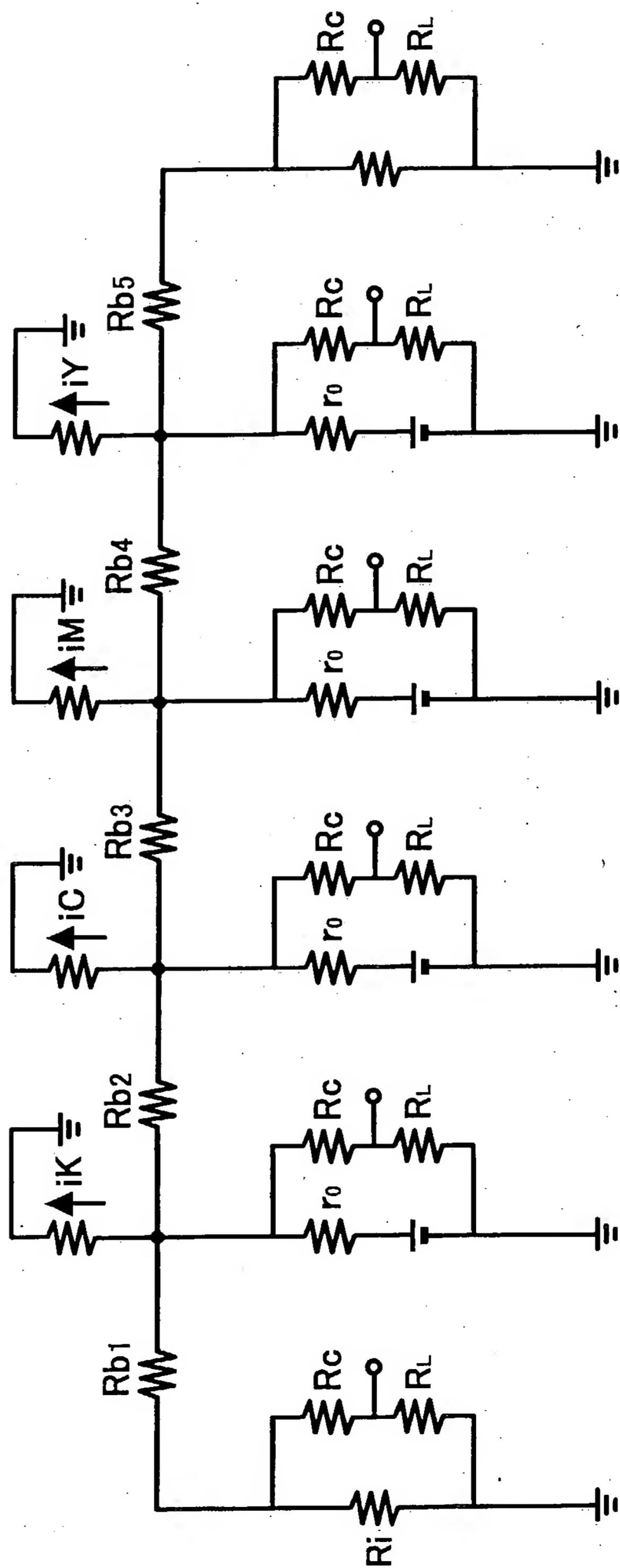


FIG. 12

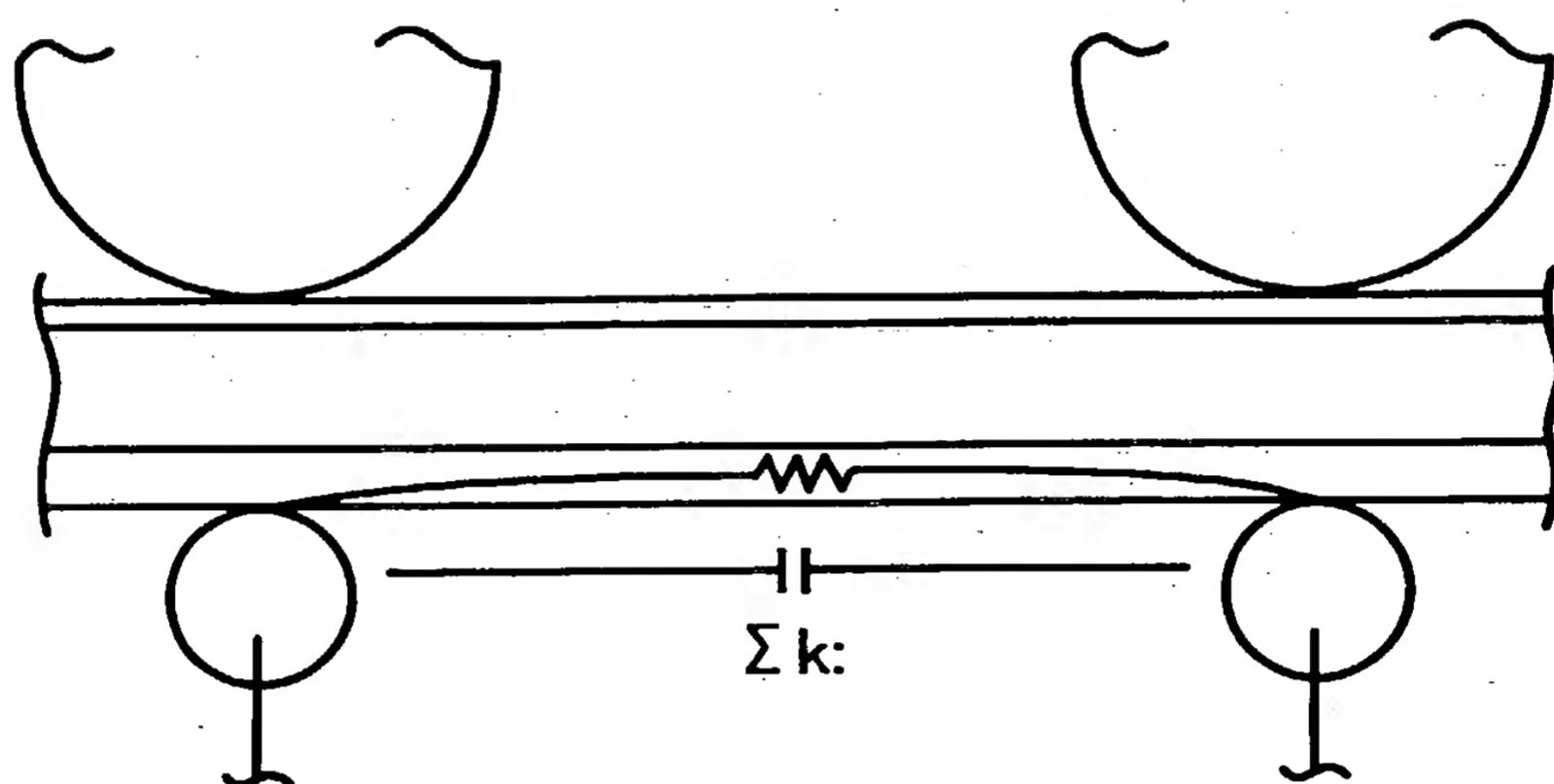


FIG. 13

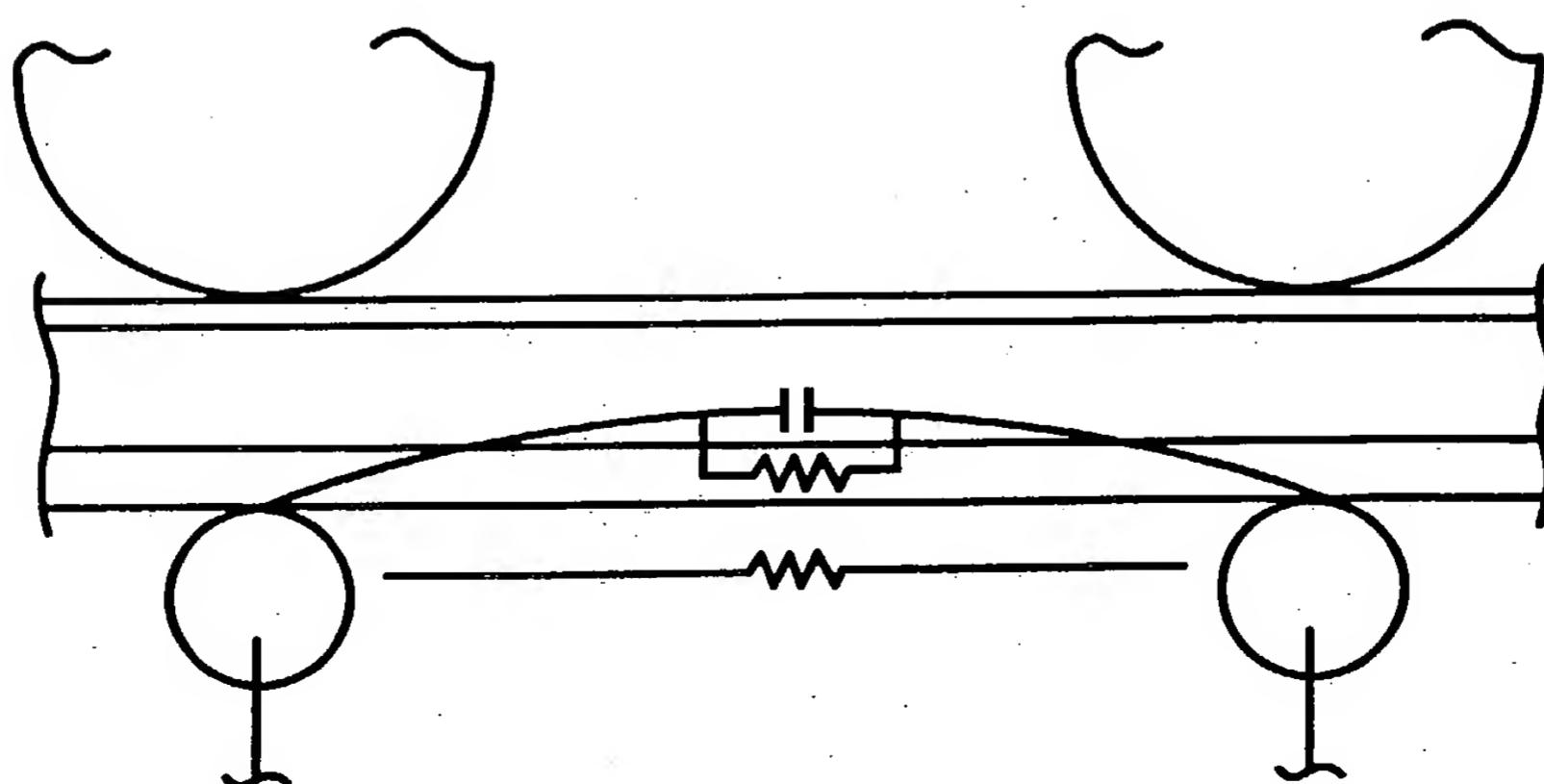


FIG. 14

AC LEAK CURRENT	AC RESISTANCE ( $\Omega$ )	DC RESISTANCE ( $\Omega$ )	DC LEAK CURRENT
0	$\infty$	$\infty$	0
10 $\mu$ A	$10^7$	$10^8$	6 $\mu$ A
20 $\mu$ A	$5 \times 10^6$	$5 \times 10^7$	10 $\mu$ A
30 $\mu$ A	$3 \times 10^6$	$3 \times 10^7$	12 $\mu$ A
50 $\mu$ A	$2 \times 10^6$	$2 \times 10^7$	16 $\mu$ A
100 $\mu$ A	$1 \times 10^6$	$1 \times 10^7$	30 $\mu$ A

FIG. 15

$$\begin{pmatrix} I_{DC-K} \\ I_{DC-C} \\ I_{DC-M} \\ I_{DC-Y} \end{pmatrix} = \begin{pmatrix} I_{DC-K} \\ I_{DC-C} \\ I_{DC-M} \\ I_{DC-Y} \end{pmatrix} + g \begin{pmatrix} AC \text{ LEAK} \\ \rightarrow DC \\ DC \text{ LEAK} \end{pmatrix} \left\{ \begin{pmatrix} 0111 \\ 1011 \\ 1101 \\ 1110 \end{pmatrix} \begin{pmatrix} S_1 \text{ AC} \\ S_2 \text{ DC} \\ S_3 \text{ AC} \\ S_4 \text{ AC} \end{pmatrix} + \begin{matrix} S_o \\ AC \end{matrix} + \begin{matrix} S_s \\ AC \end{matrix} \right\}$$

FIG. 16

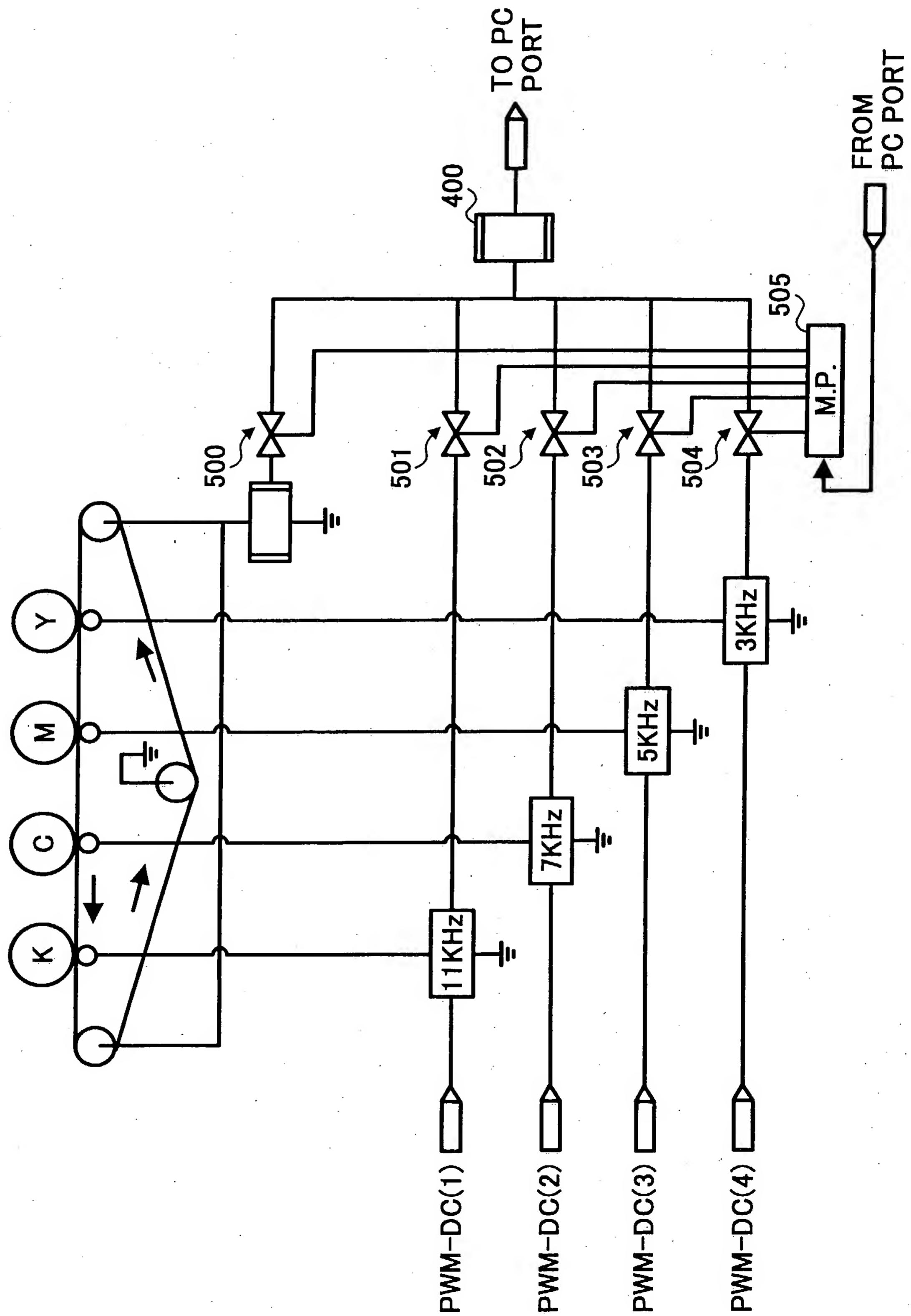


FIG. 17

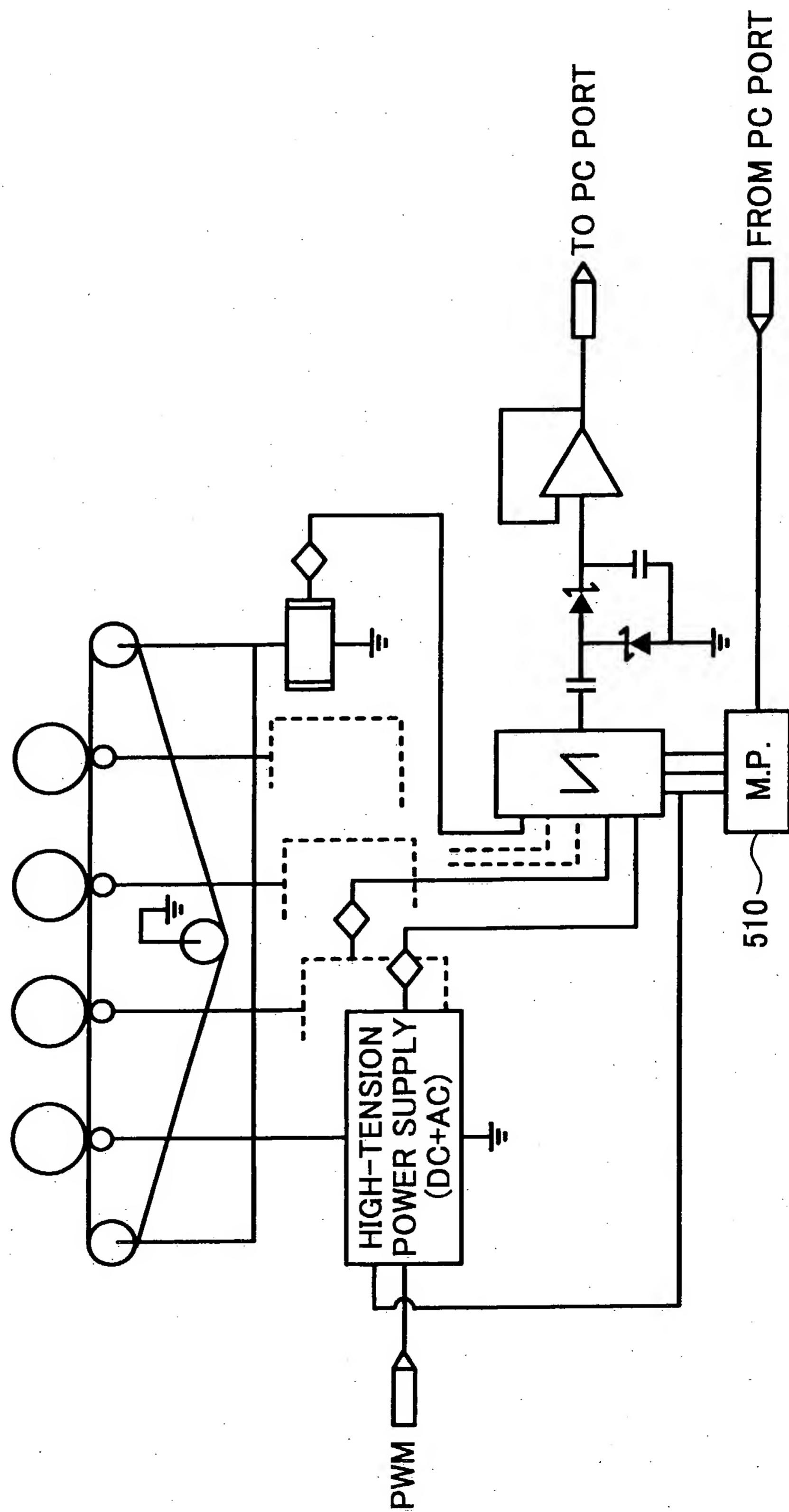


FIG. 18

